INTERNATIONAL SEARCH REPORT

itional Application No /US2004/027503

CLASSIFIC	cation of subject matter B65H29/40		
According to I	international Patent Classification (IPC) or to both national classifica	ation and IPC	
B. FIELDS S	EARCHED	as sumbole)	
IPC 7	umentation searched (classification system followed by classification $B65H$	on symbols)	
Documentation	on searched other than minimum documentation to the extent that s	such documents are included in the fields sea	rched
	ata base consulted during the international search (name of data baternal, PAJ, WPI Data	ase and, where practical, search terms used)	
C DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Calegory .	Chation of document, with indication, where appropriate, or the id	Elevant pessages	Fielevant to claim NC
Х	US 4 629 174 A (WAKISAKA ET AL) 16 December 1986 (1986-12-16) abstract; figures 1,2		1,2
X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 158 (M-591), 22 May 1987 (1987-05-22) & JP 61 291363 A (TOSHIBA CORP) 22 December 1986 (1986-12-22) abstract	,	1,2
Α	DE 23 09 075 Al (AGFA-GEVAERT A 29 August 1974 (1974-08-29) cited in the application the whole document	G)	1,2
Fu	urther documents are listed in the continuation of box C	X Patent family members are liste	d in annex.
"A" docur con: "E" earlie filing "L" docur whis cita "O" docur oth	ment defining the general state of the art which is not sidered to be of particular relevance or document but published on or after the international g date ment which may throw doubts on priority claim(s) or chis cited to establish the publication date of another tion or other special reason (as specified) ament referring to an oral disclosure, use, exhibition or er means use that the priority date claimed	"T" later document published after the in or priority date and not in conflict worted to understand the principle or invention. "X" document of particular relevance, the cannot be considered novel or can involve an inventive step when the document of particular relevance, the cannot be considered to involve an document is combined with one or ments, such combination being ob in the art. "8" document member of the same pate.	e claimed invention not be considered to document is taken alone e claimed invention invention inventive step when the more other such document wous to a person skilled ent family
	he actual completion of the international search	Date of mailing of the international	search report
	17 February 2005	28/02/2005	
Name ar	nd mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Stroppa, G	

INTERNATIONAL SEARIOR HEL OIL

stional Application No

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4629174	A	16-12-1986	JP CA DE GB KR	59223650 A 1213295 A1 3420336 A1 2142320 A ,B 9000787 B1	15-12-1984 28-10-1986 06-12-1984 16-01-1985 16-02-1990
JP 61291363	Α	22-12-1986	NONE		
DE 2309075	A1	29-08-1974	BE CH FR IT JP NL US	811060 A2 572631 A5 2219013 A1 1005806 B 49119634 A 7402322 A 3904192 A	16-08-1974 13-02-1976 20-09-1974 30-09-1976 15-11-1974 25-07-1974 09-09-1975